



AccessPoint Grund- und Erweiterungsmodul – Bauform Box

Das AccessPoint Grundmodul 3000-U99-0x und Erweiterungsmodul 3000-U98-0x sind Bestandteil des Funksystems AGENT E. Das Grundmodul beinhaltet die zentrale Systemsteuereinheit einschließlich Ereignisspeicher mit Schnittstellen zur Konfiguration und Kommunikation und ein Funkmodul zum Anschluss von max. 30 AGENT E Superior (Funk-) Griffen. Das System lässt sich mit bis zu drei Erweiterungsmodulen erweitern, so dass insgesamt max. 120 AGENT E Superior Griffe verwaltet werden können. Zwei Abschluss-Widerstände für den CAN-Bus gehören zum Lieferumfang des Grundmoduls.

Technische Änderungen vorbehalten.



AccessPoint Base and Extension Unit – Box Style

The AccessPoint Base Unit 3000-U99-0x and Extension Unit 3000-U98-0x are part of the AGENT E wireless system. The Base Unit contains the central control unit for the system with event memory, interfaces for system configuration and communication and a radio module to control and monitor up to 30 AGENT E Superior radio handles. The system can be extended by up to 3 Extension Modules to control up to 120 AGENT E Superior handles in total. Two termination plugs for the CAN bus are included with the module.

Subject to technical changes.

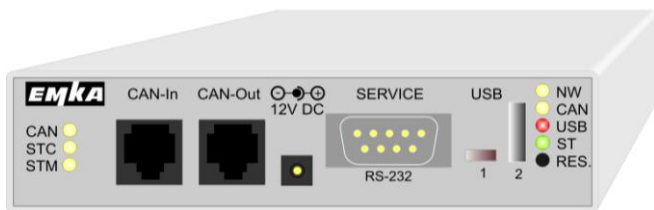


Fig. 1: 3000-U99-0x AccessPoint Base Unit front

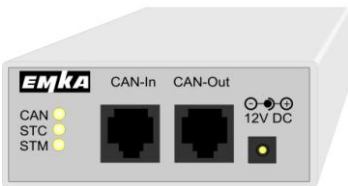


Fig. 2: 3000-U98-0x AccessPoint Extension Unit front

Power supply:	12 V DC, 350 mA
Data interfaces: (Base unit only)	RS 232 Sub-D9, USB (front) Ethernet RJ45 (rear)
LED CAN:	flashing when active, otherwise ON
LED CYC:	flashing when polling cycle is complete
LED NWR/NWT:	flashing when receiving / transmitting data via network, otherwise OFF
Box dimensions:	190 x 41 x 41 mm (W x H X D) (Base U.) 170 x 36 x 90 mm (W x H X D) (Extension Unit)

Power supply

A 12 VDC, 1000 mA (e.g. 3003-03-02) power supply is required for each Base Unit. From this, power can also be fed to the AccessPoint Extension Module(s) by CAT 5, CAN bus patch cables. Check that the total current requirements do not exceed the rating of the power supply.

CAN bus wiring

AccessPoint Base and Extension Unit(s) are linked together by RJ45 patch cables. Connect CAN-Out of a module to CAN-In of the next module. Open CAN-In / CAN-Out sockets must be equipped with a terminating plug for proper operation.

2 Terminating plugs are supplied with the AccessPoint Base Unit (ref to Fig. 4); closed CAN Bus loops are not permitted!

Network (LAN) connector (AccessPoint Base Unit only)

LAN connector RJ45, 100 MBit is located on the rear side of the device. Do not plug in network cable into CAN bus connector!

Regional Approvals

Due to the emission of radio waves, Access Point Base Module and Access Point Extension Module need national approvals. Currently there are two versions of modules available working on different frequencies:

Version EU, 868 Mhz, part-no. 3000-U99-01 / 3000-U98-01

Approved for all countries of the European Community, Norway, Switzerland, Turkey and all countries of former Yugoslavia

Version US, 915 MHz, part-no. 3000-U99-02 / 3000-U98-02
 Approved for all countries of the Unites States of America and Canada

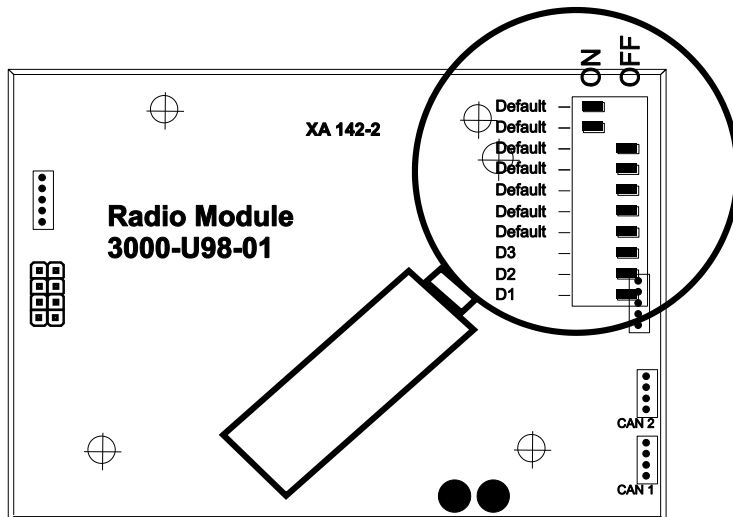
**>>> Use of Access Point Base Module and Access Point Extension Module
 in other countries than stated above not allowed <<<**

Module addressing (AccessPoint Extension Unit only)

The module device address is assigned dynamically via web browser during setup procedure (ref. to Operating Manual). Alternatively the device address can be set static via DIP switch located on the board. To access the DIP switch the module housing has to be opened carefully. Locate the DIP switch on the board. Default setting is position "OFF" for all DIP switches and dynamic addressing.

Only switches 1, 2, 3 can be used for static addressing; all other switches must remain in default position!

The address is the sum of the address values of switches set to "OFF" in binary notation. Address "1" (DIP switch 1 set to "ON", DIP switches 2 and 3 to "OFF" is reserved for the AccessPoint Base Unit and may not be used.



Possible settings are:

DIP switch	D1	D2	D3	device address
	OFF	ON	OFF	2
	ON	ON	OFF	3
	OFF	OFF	ON	4

Fig. 3: 3000-U98-01 AccessPoint Extension Unit Board - Manual Device Address Setting

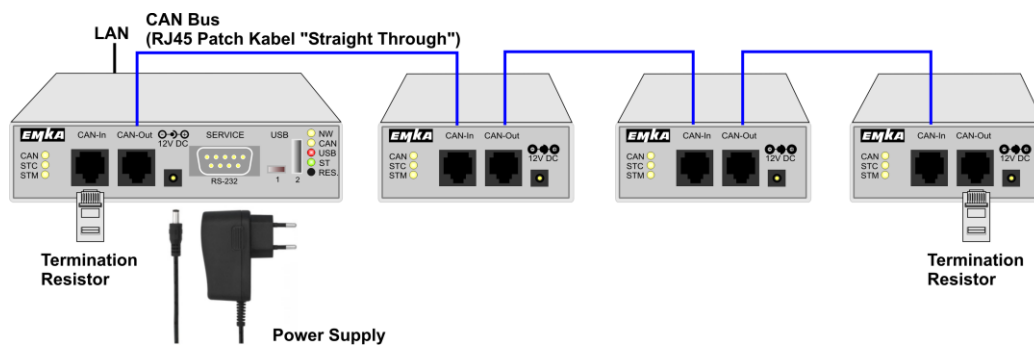


Fig. 4: Power Supply and CAN Bus – Preferred Wiring

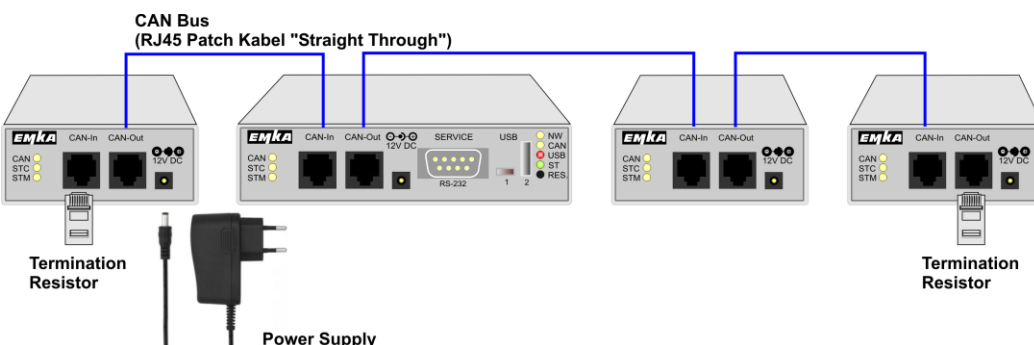


Fig. 5 Power Supply and CAN Bus – Alternative Wiring